

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-311835

(43)Date of publication of application : 26.11.1996

(51)Int.Cl.

E01H 1/00
 A47L 13/16
 // B01J 20/26
 C09K 3/00
 D04H 1/42

(21)Application number : 08-038027

(71)Applicant : MITSUI PETROCHEM IND LTD
TOKYO METROPOLIS

(22)Date of filing : 26.02.1996

(72)Inventor : EZAKI MOTOYUKI
TSURUMI FUMIO
SATSUSA YUKIHISA
SHINOZUKA TAKAO

(30)Priority

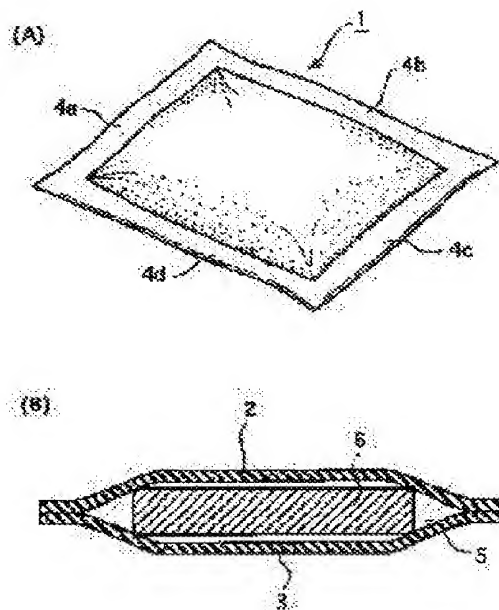
Priority number : 07 52726 Priority date : 13.03.1995 Priority country : JP

(54) LIQUID ABSORBER

(57)Abstract:

PURPOSE: To quickly and efficiently absorb a liquid by providing an air nonpermeable layer on one face side of a bag-like body or a tube-like body, providing a liquid permeable material layer on the other face side, and arranging a liquid absorbing material in the bag-like body to form a liquid hold section.

CONSTITUTION: An air nonpermeable layer 2 is formed with a polyolefin resin, a vinyl chloride resin, nylon, or a polyester resin. A liquid permeable material layer 3 is formed with a nonwoven fabric laminated with a span bond nonwoven fabric and a melt blown nonwoven fabric at the METSUKO quantity ratio of 1/4-10/1 and having a lipophilic property, the water resistance of 1-150cm, the air permeability of 5-5000cc/cm².sec, and the METSUKO quantity of 10-200g/m². The air nonpermeable layer 2 and the liquid permeable material layer 3 are overlapped, and three side walls 4a, 4b, 4c are stuck and sealed to form a liquid hold section 5. A liquid absorbing material made of synthetic fibers or wood powder is filled from the opened side end 4d at the filling factor of 8% or below, and the side end 4d is sealed to form a liquid absorber 1.



LEGAL STATUS

[Date of request for examination] 16.01.2003
 [Date of sending the examiner's decision of rejection] 07.02.2006